What is claimed is:

1. A transmission screen sheet which is given a large number of lens-like forms on the surface like ridges and has a thickness of 0.1 to 2.0 mm, wherein (i) the sheet is formed from a thermoplastic resin whose inclination (W) obtained from the relationship between melt viscosity (Y) and load (X) satisfies the following expression (1) when the melt viscosity is in the range of 10^2 to 10^3 Pa·s, and (ii) the lens-like forms change in height substantially non-stepwise from the center portion or a portion near the center portion to the end portions of the sheet in a direction perpendicular to the ridges:

$$2 \times 10^{-2} \leqq W \leqq 6 \times 10^{-2} \qquad (1)$$

wherein W is represented by the following equation:

$$W = -(\log Y/X)$$

wherein X is a load (MPa) and Y is the melt viscosity (Pa·s) of the resin.

2. The transmission screen sheet of claim 1, wherein the pitch of the lens-like forms is 40 to 150 μm and the heights of the lens-like forms range from 1 to 30 μm.

3. The transmission screen sheet of claim 1, wherein the large number of lens-like forms have the same pitch.

4. The transmission screen sheet of claim 1, wherein the lens-like forms are of a lenticular type, prism type or linear-Fresnel type.

5. The transmission screen sheet of claim 1, wherein the lens-like forms are of a lenticular type.

6. The transmission screen sheet of claim 1, wherein the lens-like forms have properties of a lenticular type, prism type, linear-Fresnel type or both lenticular and

linear-Fresnel type.

7. The transmission screen sheet of claim 1, wherein the thermoplastic resin is a polycarbonate resin.

8. The transmission screen sheet of claim 1, wherein the lens-like forms change in height non-stepwise by 0.01 to 0.5 µm/cm from the center portion or a portion around the center portion toward the end portions of the sheet.

9. The transmission screen sheet of claim 1, wherein the sheet is formed from a composition containing a particulate resin having an average particle diameter of 1 to 50 µm in an amount of 0.01 to 2.0 parts by weight based on 100 parts by weight of the thermoplastic resin.

10. The transmission screen sheet of claim 9, wherein the particulate resin has a refractive index of 1.42 to 1.60.

11. A transmission screen comprising the sheet of claim 1 as one element of a composite sheet.

12. A transmission Fresnel lens sheet which has a Fresnel lens layer on the rear side opposite to the side having a large number of lens-like forms of the transmission screen sheet of claim 1.

13. A transmission screen comprising (1) a transmission screen sheet given a large number of lens-like forms on the surface like ridges, (2) a transmission screen sheet given a large number of lens-like forms on the surface like ridges (the direction of ridges of this sheet is perpendicular to that of the sheet (1)), and (3) a Fresnel lens layer in a desired order, the transmission screen sheet(s) (1) and/or (2) being

the transmission screen sheet of claim 1.

14. A projection TV comprising the sheet or the transmission screen of any one of claims 11, 12 and 13 as a screen.